



STATE OF UTAH
DEPARTMENT OF HEALTH

NORMAN H. BANGERTER, GOVERNOR

SUZANNE DANDOO, M.D., M.P.H., EXECUTIVE DIRECTOR

September 2, 1986

Mr. Niels B. Haubold
Manager of Mines
Umetco Minerals Corporation
P.O. Box 1029
Grand Junction, Colorado 81502

Re: Wilson-Silverbell Mine Discharge Water Treatment Facility

Dear Mr. Haubold:

We have completed review of preliminary design plans submitted for the referenced project. Based upon our review of the plans, we have concluded that the concept of containment and disposal of the untreated discharge thru evaporation at the Wilson-Silverbell mine site is feasible.

Before proceeding with the final design, we request that you provide us with the following information:

1. Verifiable climatic data for the proposed site. Based upon available data, we estimate evaporation will be 30 inches/year at the proposed site.
2. Supporting evidence which shows enhanced evaporation is the most cost effective method of treatment. We suggest you consider evaporation without sprinklers as an alternate.
3. Supporting documentation from the sprinkler manufacturer relative to losses thru evaporation specific to the climatic conditions at the proposed site.

If you have any questions or I can be of further assistance, please call me at (801) 637-3671.

Sincerely,

David R. Ariotti, P.E.
Southeast District Engineer
Division of Environmental Health

DRA

c: Marv Maxell, Division of Environmental Health
Don Ostler, Bureau of Water Pollution Control
Gerald Story, Southeastern District Health Dept.

KENNETH L. ALKEMA, DIRECTOR • DIVISION OF ENVIRONMENTAL HEALTH